EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050243545").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/25 09:41
S2	335	(362/192).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:19
S3	728	(362/473-475).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:20
S4	22	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:20
S5	38	("3751710" | "3792307" | "3894281" | "3971977" | "4019171" | "4069451" | "4191988" | "4225848" | "4555656" | "4860176" | "4974124" | "5015918" | "5121305" | "5128840" | "5335188" | "5497143" | "5511435").PN. OR ("5584561" | "5590946" | "5690410").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/24 14:24

S6	87	("2083514" | "2088029" | "3029378" | "3377486" | "3751710" | "3792307" | "3894281" | "3971977" | "4019171" | "4069451" | "4191988" | "4225848" | "4227105" | "4298910" | "4555656" | "4636670" | "4648610" | "4725928" | "4763230" | "4775919" | "4796972" | "4860176" | "4901209" | "4974124" | "5015918" | "5115159" | "5121305" | "5128840" | "5333101" | "5335188" | "5461269" | "5497143" | "5511435" | "5536074" | "5584561" | "5584562" | "5590946" | "5653523" | "5779344" | "5873600" | "5903224" | "5984487" | "6016022" | "6116763" | "6186635" | "6220733" | "6474832" | "6501199" | "6530683" | "6565242" | "6619823").PN. OR ("2002/0136020" | "2002/0136021" | "2005/0243545" | "3751710" | "3971977" | "5128840" | "5584561" | "5590946" | "5690410" | "6501199" | "6565242" | "6789925" | "6822357").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/24 14:33
S7	6462	(310/10,40r,66,67r,67a).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:45
S8	1391	(340/425.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:45
S9	114	(310/73).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:45
S10	455	(340/432).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:47
S11	1	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:45
S12	8	(S7 or S8) and S10	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:46

EAST Search History

S13	9	(S7 or S8) and S9	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:46
S14	16	S11 or S12 or S13	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:46
S15	0	("009or10").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:47
S16	568	S9 or S10	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 15:55
S17	3	(("6975054") or ("4808868") or ("4959573")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 17:41
S18	1391	(340/425.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 18:10
S19	233	(362/245).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 19:15
S20	1941	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 19:11
S21	47	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:15
S22	728	(362/473-475).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 19:13
S23	32	S20 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:13
S24	0	S19 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:15

EAST Search History

S25	206	(362/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 19:15
S26	63	(S25 and S20) or (S25 and S22) or (S25 and S23)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:16
S27	59	S26 not (S21 or S23)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:16
S29	450	(362/192,193).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/25 10:22
S30	1093	362/802	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:22
S31	975	(362/802).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/25 10:22
S32	2	S29 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:23
S33	835	(362/473-476).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/25 10:23
S34	35	S29 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:23
S35	28	S31 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:23
S36	63	S34 or S35	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:24
S37	4	S36 and ((light or optic) (sensor or sensitive))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:53

| S43 | 99 | (US-20050243545-$ or US-20030106919-$ or US-20030140727-$ or US-20050040304-$ or US-20050109808-$).did. or (US-5015918-$ or US-5264826-$ or US-4510557-$ or US-4598923-$ or US-4607772-$ or US-4759481-$ or US-4970630-$ or US-5197795-$ or US-5211465-$ or US-D354147-$ or US-5436810-$ or US-5608919-$ or US-5641220-$ or US-5828145-$ or US-5842714-$ or US-6711966-$ or US-6926242-$ or US-7077302-$ or US-4890037-$ or US-5188444-$ or US-5343370-$ or US-5528475-$ or US-6078149-$ or US-6222709-$ or US-3631441-$ or US-3628085-$). did. or (US-3626239-$ or US-3609681-$ or US-3634677-$ or US-3902217-$ or US-3876975-$ or US-3829830-$ or US-3828220-$ or US-3825797-$ or US-3810089-$ or US-3809915-$ or US-3798500-$ or US-4024387-$ or US-4117453-$ or US-4257036-$ or US-4263543-$ or US-4286257-$ or US-4357558-$ or US-4376236-$ or US-4523258-$ or US-4550305-$ or US-4583152-$ or US-4587457-$ or US-4616224-$ or US-4620267-$ or US-4628310-$ or US-4857754-$ or US-4862037-$). did. or (US-4886961-$ or US-4890038-$ or US-4899083-$ or US-4928036-$ or US-4931767-$ or US-4934769-$ or US-4977360-$ or US-5003288-$ or US-5068570-$ or US-5067055-$ or US-5198727-$ or US-5204541-$ or US-5214413-$ or US-5228766-$ or US-5229602-$ or US-5251114-$ or US-5289352-$ or US-5295036-$ or US-5331214-$ or US-5382876-$ or US-5382877-$ or US-5384765-$ or US-5389754-$ or US-5410456-$ or US-5414325-$ or US-5414335-$ or US-5420480-$). did. or (US-5428294-$ or US-5438313-$ or US-5448139-$ or US-5491311-$ or US-5491383-$ or US-5499169-$ or US-5504451-$ or US-5536975-$ or US-5568017-$ or US-5576599-$ or US-5584559-$ or US-5589742-$ or US-5596233-$ or US-5597232-$).did. | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 14:46 |

S44	554366	((LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and (size or efficien$2 or consumption or life or resistance or heat))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 11:47
S45	529730	S44 and ((LED or LEDs or (L E D) or (light emitting diode)) and (size or efficien$2 or consumption or life or resistance or heat))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 11:48
S46	3427	S45 and ((LED or LEDs or (L E D) or (light emitting diode)) and (size and efficien$2 and consumption and life and resistance and heat))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 11:48
S47	1555	S46 and ((LED or LEDs or (L E D) or (light emitting diode)) and (size and efficien$2 and consumption and life and resistance and heat))	USPAT	ADJ	ON	2007/01/11 11:49
S48	938	S47 and ((reduced size) or (high$2 efficiency) or (low$2 power) or (long$2 life) or (low$2 heat))	USPAT	ADJ	ON	2007/01/11 11:51
S49	0	S48 and ((reduced size) and (high$2 efficiency) and (low$2 power) and (long$2 life) and (low$2 heat))	USPAT	ADJ	ON	2007/01/11 11:51

S50	507	("1499688" | "2994148" | "3406475" | "3641487" | "3673462" | "3699478" | "3737647" | "3757511" | "3779629" | "3819974" | "3892959" | "3906482" | "3911423" | "4007985" | "4029991" | "4047049" | "4059916" | "4074165" | "4114366" | "4148045" | "4182977" | "4211955" | "4211956" | "4298820" | "4323879" | "4388559" | "4473866" | "4648690" | "4675575" | "4727283" | "4816977" | "5027258" | "5075826" | "5202777" | "5239255" | "5325271" | "5363020" | "5382882" | "5408388" | "5434478" | "5442258" | "5495147" | "5506760" | "5561346" | "5585783" | "5641219" | "5655830" | "5726535" | "5751120" | "5757630" | "5798537" | "5847507" | "5850126" | "5924784" | "5964051" | "6026602").PN. OR ("4298869" | "4329625" | "5015918" | "5276591" | "5786665" | "5998925" | "6069440" | "6218785").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/11 12:24
S51	2025	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:24
S52	740	(362/473-475).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:24
S53	740	(362/473,474,475).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:24
S54	33	S51 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:24
S55	1	("20050243545").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S56	339	(362/192).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32

S57	740	(362/473-475).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S58	23	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S59	39	("3751710" | "3792307" | "3894281" | "3971977" | "4019171" | "4069451" | "4191988" | "4225848" | "4555656" | "4860176" | "4974124" | "5015918" | "5121305" | "5128840" | "5335188" | "5497143" | "5511435").PN. OR ("5584561" | "5590946" | "5690410").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/11 12:32
S60	91	("2083514" | "2088029" | "3029378" | "3377486" | "3751710" | "3792307" | "3894281" | "3971977" | "4019171" | "4069451" | "4191988" | "4225848" | "4227105" | "4298910" | "4555656" | "4636670" | "4648610" | "4725928" | "4763230" | "4775919" | "4796972" | "4860176" | "4901209" | "4974124" | "5015918" | "5115159" | "5121305" | "5128840" | "5333101" | "5335188" | "5461269" | "5497143" | "5511435" | "5536074" | "5584561" | "5584562" | "5590946" | "5653523" | "5779344" | "5873600" | "5903224" | "5984487" | "6016022" | "6116763" | "6186635" | "6220733" | "6474832" | "6501199" | "6530683" | "6565242" | "6619823").PN. OR ("2002/0136020" | "2002/0136021" | "2005/0243545" | "3751710" | "3971977" | "5128840" | "5584561" | "5590946" | "5690410" | "6501199" | "6565242" | "6789925" | "6822357").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/11 12:32
S61	6515	(310/10,40r,66,67r,67a).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S62	1455	(340/425.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32

S63	117	(310/73).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S64	460	(340/432).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S65	1	S63 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S66	9	(S61 or S62) and S64	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S67	9	(S61 or S62) and S63	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S68	17	S65 or S66 or S67	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S69	0	("009or10").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S70	576	S63 or S64	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S71	3	((("6975054") or ("4808868") or ("4959573")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S72	1455	(340/425.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S73	247	(362/245).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S74	2025	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32

EAST Search History

S75	48	S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S76	740	(362/473-475).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S77	33	S74 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S78	0	S73 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S79	217	(362/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S80	65	(S79 and S74) or (S79 and S76) or (S79 and S77)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S81	60	S80 not (S75 or S77)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S82	454	(362/192,193).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S83	1124	362/802	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S84	991	(362/802).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32
S85	2	S82 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S86	847	(362/473-476).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 12:32

EAST Search History

S87	36	S82 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S88	28	S84 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S89	64	S87 or S88	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32
S90	4	S89 and ((light or optic) (sensor or sensitive))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/11 12:32

| S91 | 98 | (US-20050243545-$ or US-20030106919-$ or US-20030140727-$ or US-20050040304-$ or US-20050109808-$).did. or (US-5015918-$ or US-5264826-$ or US-4510557-$ or US-4598923-$ or US-4607772-$ or US-4759481-$ or US-4970630-$ or US-5197795-$ or US-5211465-$ or US-D354147-$ or US-5436810-$ or US-5608919-$ or US-5641220-$ or US-5828145-$ or US-5842714-$ or US-6711966-$ or US-6926242-$ or US-7077302-$ or US-4890037-$ or US-5188444-$ or US-5343370-$ or US-5528475-$ or US-6078149-$ or US-6222709-$ or US-3631441-$ or US-3628085-$). did. or (US-3626239-$ or US-3609681-$ or US-3634677-$ or US-3902217-$ or US-3876975-$ or US-3829830-$ or US-3828220-$ or US-3825797-$ or US-3810089-$ or US-3809915-$ or US-3798500-$ or US-4024387-$ or US-4117453-$ or US-4257036-$ or US-4263543-$ or US-4286257-$ or US-4357558-$ or US-4376236-$ or US-4523258-$ or US-4550305-$ or US-4583152-$ or US-4587457-$ or US-4616224-$ or US-4620267-$ or US-4628310-$ or US-4857754-$ or US-4862037-$). did. or (US-4886961-$ or US-4890038-$ or US-4899083-$ or US-4928036-$ or US-4931767-$ or US-4934769-$ or US-4977360-$ or US-5003288-$ or US-5068570-$ or US-5067055-$ or US-5198727-$ or US-5204541-$ or US-5214413-$ or US-5228766-$ or US-5229602-$ or US-5251114-$ or US-5289352-$ or US-5295036-$ or US-5331214-$ or US-5382876-$ or US-5382877-$ or US-5384765-$ or US-5389754-$ or US-5410456-$ or US-5414325-$ or US-5414335-$ or US-5420480-$). did. or (US-5428294-$ or US-5438313-$ or US-5448139-$ or US-5491311-$ or US-5491383-$ or US-5499169-$ or US-5504451-$ or US-5536975-$ or US-5568017-$ or US-5576599-$ or US-5584559-$ or US-5589742-$ or US-5596233-$ or US-5597232-$).did. | US-PGPUB; USPAT | ADJ | ON | 2007/01/11 12:32 |